

Installation: some information

ProtoDUNE-SP DAP Meeting
June 7th, 2018

Revised schedule inside the cryostat (draft)

➤ Monday – Friday June 11th - 15th

- Beam Plug leak test
- Position and connect upstream End Wall
- Move APA 4-6 in position, install hangers, remove trolleys, set their relative positions

➤ Saturday June 16th

- Install Dynamic Temperature Alignment guide. If not possible, continue with TPC or camera work

➤ Monday – Friday June 18th – 22nd

- Position downstream End Wall, , fix both downstream End Walls
- Fix bridge beam, replace bridge beam trolleys with their SS version
- Deploy upstream FC, install T sensors, connect ground plane monitors
- Deploy midstream FC, install T sensors, connect ground plane monitors

➤ Saturday June 23rd

- Install Dynamic Temperature Gradient Monitor

Revised schedule inside the cryostat (draft)

➤ Monday – Friday June 25th - 29th

- Remove Scaffolding from drift volume
- Deploy midstream FC, install T sensors, connect ground plane monitors
- Install Purity Monitors (June 27th)
- Install Static T-Gradient Monitor (June 28th)
- Install HV doughnut (June 28th)
- Dismount scaffoldings, install HV FT (June 29th)

➤ Yesterday we had the first Confined Space briefing from Letizia, necessary to work inside the cryostat or act as surveillant (watcher)

➤ Great attendance, thank you!

➤ There will be another training early next week and the week after

➤ We prepared a google spreadsheet to sign up as surveillant:

https://docs.google.com/spreadsheets/d/1IVLYvbFwaQmONnPbLAW64e-RwN_dqKIO3fRHf6bZdGg/edit?usp=sharing

➤ 1 surveillant/shift, 4 shifts/day, 3 hours each shift (starting 7 am). From next week until end of activities inside the cryostat (2.5 - 3 weeks). Whoever took the training yesterday or will take it in the next weeks can start signing up. Remember that we cannot work in the cryostat if there is no surveillant in place!

	A	B	C	D	E	F	G	H	I
1		Monday, June 11th	Tuesday, June 12th	Wednesday, June 13th	Thursday, June 14th	Friday, June 15th	Saturday, June 16th	Sunday, June 17th	
2	07:00 - 10:00	Nobody needed	Nobody needed						
3	10:00 - 13:00	Nobody needed	Nobody needed						
4	13:00-16:00	Nobody needed	Nobody needed						
5	16:00-19:00	Nobody needed	Nobody needed						
6									
7									
8		Monday, June 18th	Tuesday, June 19th	Wednesday, June 20th	Thursday, June 21st	Friday, June 22nd	Saturday, June 23rd	Sunday, June 24th	
9	07:00 - 10:00								
10	10:00 - 13:00								
11	13:00-16:00								
12	16:00-19:00								
13									
14									
15		Monday, June 25th	Tuesday, June 26th	Wednesday, June 27th	Thursday, June 28th	Friday, June 29th	Saturday, June 30th	Sunday, July 1st	

Don't fill Sundays for now as we don't plan to work, unless necessary. But we do are planning to work Saturdays

Other information

- Beside making an IMPACT for each activity inside the cryostat and on the cryostat roof, we have to produce PPSPS (procedure document) to submit to Letizia and HSE for revision a few days before the actual activity (inside the cryostat) starts
- This is true also for activities already performed when the cryostat was not a confined space (like field cage deployment), given the different working conditions we have now. Anyway, for this kind of activities (i.e. TPC completion) the revision process will be quick
- The installation and commissioning list of activities document made by Gina is getting nicely filled up – thank you! It is now linked to the agenda of these meetings, to be easily retrieved

Our beamline



07/06/2018